

## Abstract

An apparatus and a method for implementing an execution configuration for efficiently recording and reproducing data using distributed nodes are provided. When data recording processing is performed for a plurality of distributed nodes connected to a network or when data recorded in the distributed nodes is collected and reproduced, a processing command apparatus sets data for determining for the nodes to determine whether to execute data recording or data reproducing and transmits a data processing request, in which the data for determination and data specifying data to be recorded or reproduced are stored, to the nodes so that the node side can autonomously determine whether to execute data processing based on the data for determination. This configuration eliminates the need for the command apparatus, which issues a processing request, to perform preprocessing such as the selection of a particular node, thus increasing the efficiency of data recording and reproducing processing for distributed nodes.